



United States Environmental Protection Agency
Washington, DC 20460

Certification with Respect to Citation of Data

Form Approved
OMB No. 2070-0060
Approval Expires 11-30-93

Applicants Name and Address

Lonza Inc.
17-17 Route 208
Fair Lawn, NJ 07410

EPA File Symbol/Registration Number

6836-53

Product Name

BARDAC 2280

Date of Application

May 21, 1993

NOTE: If your product is a 100% repackaging of another EPA-registered product that you purchase, and is labeled for the same uses, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

1. This application is supported by all data submitted or cited in the application. In addition, if cite-all options are indicated, this application is supported by all data in the Agency's files that concern the properties or effects of this product that is identical or substantially similar, and that is one of the types of data that would be required to be submitted if this application sought the initial registration of a product of identical or similar composition and intended uses under the data requirements in effect on the date of approval of this application. (Check the appropriate boxes, in items 2 and 3 below, that pertain to your application.)

2. I certify that, for each study cited in support of this application for registration that is an exclusive use study,

☐ I am the original submitter*; or

☐ I have obtained the written permission of the original data submitter to cite that study*

3. I certify that, for each study cited in support of this application for registration that is not an exclusive use study:

a. ☒ I am the original data submitter*; or

☐ I have obtained the written permission of the original data submitter to cite that study*; or

b. ☐ I have notified in writing the companies that have submitted data I have cited to support this application and have offered to: (a) Pay compensation for those data in accordance with section 3(c)(1)(D) and 3(c)(2)(D) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA); and (b) Commence negotiations to determine which data are subject to the compensation requirement of FIFRA and the amount and terms of compensation due, if any. The companies I have notified are: (Check one)

☐ All companies listed on the Pesticide Data Submitters List for all active ingredients contained in my product (cite-all method or cite-all option under Selective Method*). (Also, sign the General Offer Statement below.)

☐ Those companies that have submitted the studies which I have cited (Selective method*).

* A Data Matrix identifying these studies is attached. (Note: a Data Matrix is not required under the cite-all method.)

Signature

Name and Title

Eliot I. Harrison
Agent for Lonza

Date

5/21/93

General Offer to Pay: I hereby offer and agree to pay compensation to other persons, with regard to the approval of this application, to the extent required.

Signature

Name and Title

Date

DATA MATRIX CHART

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Product Name	BARDAC 2280	EPA Registration Number	6836-53
Applicant's Name and Address	Lonza Inc.	Application for Registration Dated	May 21, 1993
.....	17-17 Route 208	Formulators Exemption Selected	No
.....	Fairlawn, NJ 07410	Name of Active Ingredient	Didecyl dimethyl ammonium chloride

STUDY	Guideline No.	Accession/MRID No.	Not Applicable	Date Submitted
# 158.120				
■ PRODUCT CHEMISTRY				
Product Identity and Composition	Series 61	41952601		7/24/91
Analysis and Certification of Product Ingredients	Series 62	41952602		7/24/91
Physical and Chemical Properties	Series 63	41952603		7/24/91
# 158.130				
■ ENVIRONMENTAL FATE				
Hydrolysis	161-1	41175801		7/24/91
Photodegradation in Water	161-2 ¹		X	
Anaerobic Aq. Metabolism	162-3 ¹		X	
Aerobic Aq. Metabolism	162-4 ¹		X	
Leaching and Adsorption/desorption	163-1 ¹		X	
Aquatic Field Dissipation	164-2 ¹		X	
# 158.135				
■ TOXICOLOGY				
Acute Oral LD ₅₀ (rat)	81-1	244352		2/2/81
Acute Dermal LD ₅₀	81-2	244352		2/2/81

¹ These studies are no longer required for aquatic biocides.

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Applicant's Name and Address		Lonza Inc.		Application for Registration Dated	May 21, 1993
.		17-17 Route 208		Formulators Exemption Selected	No
.		Fairlawn, NJ 07410		Name of Active Ingredient	Didecyl dimethyl ammonium chloride
STUDY		Guideline No.	Accession/MRID No.	Not Applicable	Date Submitted
Acute Inhalation LC ₅₀		81-3		X ²	
Primary Eye Irritation		81-4	244352		2/2/81
Primary Skin Irritation		81-5	244352		2/2/81
Dermal Sensitization		81-6		X ³	
Acute Delayed Neurotoxicity		81-7		X ⁴	
90-Day Feeding (rat)		82-1(a)	40966302		1/17/89
90-Day Dermal (rat)		82-3	40895203 41305901		11/18/88
90-Day Inhalation		82-4		X ⁵	
Tetragenicity (rabbit)		83-3(b)	41018701		3/3/89
Gene Mutation		84-2(a)	40895202		11/18/88
Structural Chromosomal Aberrations		84-2(b)	40705801 41256201		6/27/88 2/10/89
Other Genotoxic Effects		84-4	40895201 40705802		11/18/88 6/27/88



² Not applicable since the product does not consist of, or under conditions of use result in, an inhalable material.

³ Not applicable since the product is corrosive to skin.

⁴ Not applicable since the product is an organophosphate.

⁵ Not applicable since repeated inhalation exposure does not occur.

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.....	Fairlawn, NJ 07410	Name of Active Ingredient	Didecyl dimethyl ammonium chloride

STUDY	Guideline No.	Accession/MRID No.	Not Applicable	Date Submitted
# 158.145				
■ WILDLIFE AND AQUATIC ORGANISMS				
Avian Oral LD ₅₀ (bobwhite)	71-1(a)	41785803		2/14/91
Avian Dietary LC ₅₀ (bobwhite)	71-2(a)	41785801		2/14/91
Avian Dietary LC ₅₀ (mallard)	71-2(b)	41785802		2/14/91
Freshwater Fish LC ₅₀ (bluegill sunfish)	72-1(a)	41578001		8/2/90
Freshwater Fish LC ₅₀ (coho salmon)	72-1(b)	41578003		8/2/90
Acute LC ₅₀ Freshwater Invertebrates (Daphnia)	72-2(a)	41578002		8/2/90
Acute LC ₅₀ Estuarine/Marine	72-3(c)	41578004		8/2/90

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DATA MATRIX CHART

Product Name BARDAC 2280 Applicant's Name and Address Lonza Inc. 17-17 Route 208 Fairlawn, NJ 07410		EPA Registration Number 6836-53 Application for Amendment Dated May 21, 1993 Formulators Exemption Selected No Name of Active Ingredient Didecyl dimethyl ammonium chloride		
STUDY	Guideline No.	Accession/MRID No.	Not Applicable	Date Submitted
# 158.130				
■ ENVIRONMENTAL FATE				
Hydrolysis	161-1	41175801		7/24/91
# 158.145				
■ WILDLIFE AND AQUATIC ORGANISMS				
Avian Oral LD ₅₀ (bobwhite)	71-1(a)	41785803		2/14/91
Avian Dietary LC ₅₀ (bobwhite)	71-2(a)	41785801		2/14/91
Avian Dietary LC ₅₀ (mallard)	71-2(b)	41785802		2/14/91
Freshwater Fish LC ₅₀ (bluegill sunfish)	72-1(a)	41578001		8/2/90
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Acute LC ₅₀ Freshwater Invertebrates (Daphnia)	72-2(a)	41578002		8/2/90
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